

RADIO DISTORTION PROCESSING

ABSTRACT OF THE DISCLOSURE

A method for audio distortion processing is provided, whereby narrowband and wideband gains are incrementally reduced and recovered for controlling audio distortion of an audio reproduction system. Reduction limits are determined for both the narrowband and wideband gains, as a function of operator controlled inputs. If clipping is detected, the narrowband gain is initially reduced until either the narrowband gain reduction limit has been achieved or the clipping desists. The wideband gain is subsequently reduced if the reduction limit of the narrowband gain has been achieved and the clipping persists. The wideband gain is reduced until either the wideband gain reduction limit has been achieved or the clipping desists. After the clipping desists, a gain recovery process ensues, whereby the wideband gain is initially recovered until at its original level and the narrowband gain is subsequently recovered until reaching its original level.